

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of embedding a watermark in an information signal, comprising embedding different versions of a same watermark in successive portions of the information signal, wherein each version has different magnitudes of Fourier coefficients of a Fourier transform of the watermark, which magnitudes are not used for detection of said watermark, ~~and wherein the magnitudes are selected randomly according to no discernible pattern.~~

2 (Canceled)

3. (Currently amended) A method as claimed in claim ~~4~~ 11, wherein the watermark includes at least one basic watermark pattern being tiled over the portion of the information signal, said step of randomizing the magnitudes being applied to the Fourier coefficients of said basic watermark pattern.

4. (Original) A method as claimed in claim 1, comprising the step of randomizing the position of the watermark with respect to the respective portion of the information signal.

5. (Original) A method as claimed in claim 1, wherein said successive portions of the information signal are successive frames of a motion video signal.

6. (Currently Amended) An arrangement for embedding a watermark in an information signal, comprising means for embedding different versions of a same watermark in successive portions of the information signal, wherein each version has different magnitudes of Fourier coefficients of a Fourier transform of the watermark, which magnitudes are not used for detection of said watermark, ~~and wherein the magnitudes are selected randomly according to no discernible pattern.~~

7 (Canceled)

8. (Original) An arrangement as claimed in claim 6, comprising means for randomizing the position of the watermark with respect to the respective portion of the information signal.

9. (Original) An arrangement as claimed in claim 6, wherein said successive portions of the information signal are successive frames of a motion video signal.

10. (Currently Amended) An information signal with an embedded watermark, wherein successive portions of said signal have different versions of a same watermark embedded, wherein each version has different magnitudes of Fourier coefficients of a Fourier transform of the watermark which are not used for detection of said watermark, ~~and wherein the magnitudes are selected randomly according to no discernible pattern.~~

11. (New) A method as claimed in claim 1, comprising the step of randomizing the magnitudes of the Fourier coefficients of said watermark.

12. (New) An arrangement as claimed in claim 6, comprising means for randomizing the magnitudes of the Fourier coefficients of said watermark.

13. (New) A system comprising:

a watermark generator that is configured to generate a watermark, the watermark including one or more detection parameters that are material to detection of the watermark and one or more other parameters that are immaterial to detection of the watermark,

a variant generator that is configured to repeatedly modify at least one of the other parameters of the watermark to provide a sequence of variants of the watermark, and

a combiner that applies each variant of the watermark to a sequence of input signals to provide a sequence of watermarked signals.

14. (New) The system of claim 13, wherein

the variant generator is configured to modify the at least one of the other parameters in a random manner.

15. (New) The system of claim 14, wherein

the at least one of the other parameters include coefficients of a Fourier Transform of at least a portion of the watermark.

16. (New) The system of claim 14, wherein

the input signal includes a video image,

the watermark includes a two-dimensional tile, and

the combiner includes a tiler that is configured to apply each variant of the watermark to a section of the video image.

17. (New) The system of claim 16, wherein

the at least one of the other parameters includes a spatial offset of the watermark relative to the video image.

18. (New) The system of claim 13, wherein
the at least one of the other parameters include coefficients of a Fourier Transform of at least a portion of the watermark.
19. (New) The system of claim 13, wherein
the input signal includes a video image,
the watermark includes a two-dimensional tile, and
the combiner includes a tiler that is configured to apply each variant of the watermark to a section of the video image.
20. (New) The system of claim 19, wherein
the at least one of the other parameters includes a spatial offset of the watermark relative to the video image.
21. (New) The system of claim 13, wherein
the watermark includes a combination of a first basic watermark and a second basic watermark, and
the variant generator is configured to repeatedly modify at least one of the first and second basic watermarks to provide the sequence of variants of the watermark.
22. (New) The system of claim 21, wherein
the at least one of the other parameters include coefficients of a Fourier Transform of at least a portion of the at least one of the first and second basic watermarks.